

Project Design Phase-I

Problem -Solution - Fit

Project Title : Visualizing and Predicting Heart Diseases with an Interactive Dash Board

TEAM ID : PNT2022TMID19891

Problem-Solution fit canvas 2.0		Purpose / Vision	
Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Who is your customer? I.e. working parents of 0-5 y.o. kids people affected with heart diseases are said to be our customers and the doctors also considered as our customers because they are the ones who wants a technology based services for treating people.	6. CUSTOMER CONSTRAINTS CC What constraints prevent your customers from taking action or limit their choices of solutions? I.e. spending power, budget, no cash, network connection, available devices. Focus on consumer decision-making process, highlighting the key moments from identifying a need to buying and consuming a product, and adopt a true "consumer focus" in year managerial decisions by analysing how consumers make decisions, what happens in their hearts and minds.	5. AVAILABLE SOLUTIONS AS Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? I.e. pen and paper is an alternative to digital notetaking The proposed solutions are ECG for diagnosis of heart diseases ,most of all eating a fat ,low salt diet,getting regular exercise and good sleep and not smoking are important part of treatment.Solutions are independent in various type of heart damage.
	Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. It describe the mechanisms that cause a customer to adapt an innovation.The theory states that markets grow evolve,and renew whatever customers have a job to be done,then buy a product to complete it.In our project, a person needs to recover from heart disease , no matter what were going to use,they need a end solution which can change their health condition when compare to before	9. PROBLEM ROOT CAUSE RC What is the real reason that this problem exists? What is the back story behind the need to do this job? I.e. customers have to do it because of the change in regulations. The main reason of getting CHD are diabetes, high chloesterol and blood pressure, smoking, mental depression, eating an unhealthy diet and any family history of heart disease.
Identify strong TR & EM		3. TRIGGERS TR What triggers customers to act? I.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news. By seeing the advanced technology providing a solution for their problem with low cost,and getting benefit from where they are ,so this makes customers to act.	10. YOUR SOLUTION SL If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour. Our solution is about to find out the persons where all on the edge to get caught by heart disease. For this we taking a survey on peoples health conditions by age,gender , and what type of foods they are intaking , by this we predict and visualize the people those who are all normal vs affected through , Data Analytics.



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